

## BIG IDEA

Landforms are created and changed by human actions and natural forces and are recorded in specific ways.

Nov 21-7:28 PM

NC Competency Goal 2: The learner will make observations and investigations to build an understanding of landforms.

2.01 Identify and analyze forces that cause changes in landforms over time, including water and ice, wind and gravity.

2.02 Investigate and discuss the role of the water cycle and how movement of water over and through the landscape helps shape landforms.

2.04 Describe the deposition of eroded material and its importance in establishing landforms including deltas and flood plains.

Nov 21-7:33 PM

"After looking at the aerial photo of Mt. Shasta, the scoutmaster has asked us to observe an aerial photo from a place called Death Valley and check out the fan shaped landform called a delta. He wants us to determine the possible causes for the different landforms observed in both pictures (valleys, canyons, ridges, streams, falls, creeks, fan-shaped deltas). He sent pictures of more of these landforms, along with a Landform Vocabulary Worksheet to study. He has to demonstrate the possible causes of these landforms to the National Scout Hiking Council. He wants a report of what our investigation before the end of the week."

What does the scoutmaster want us to investigate? What is the problem to solve here?

1. What does the scoutmaster want us to investigate?
2. What are we going to look at to study these landforms?
3. What landforms did he mention?
4. What does the Council want the scoutmaster to do?

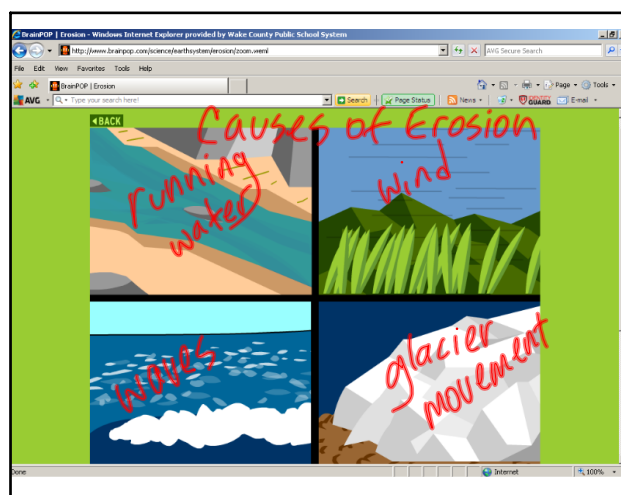
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## Erosion Review

<http://www.brainpop.com/science/earthsystem/erosion/preview.weml>

Look at Power Point Presentation...

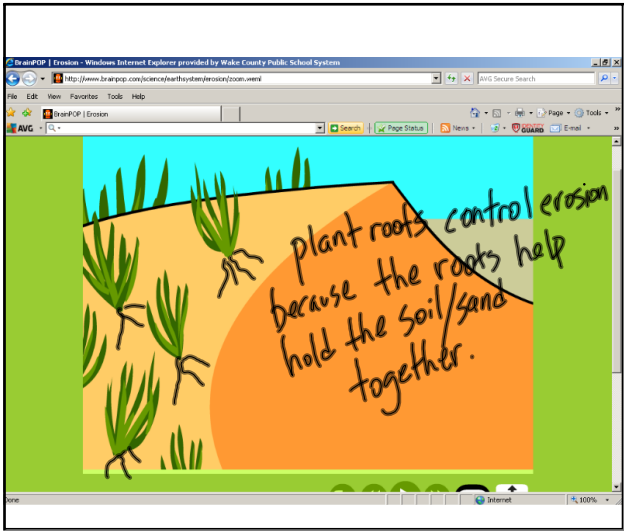


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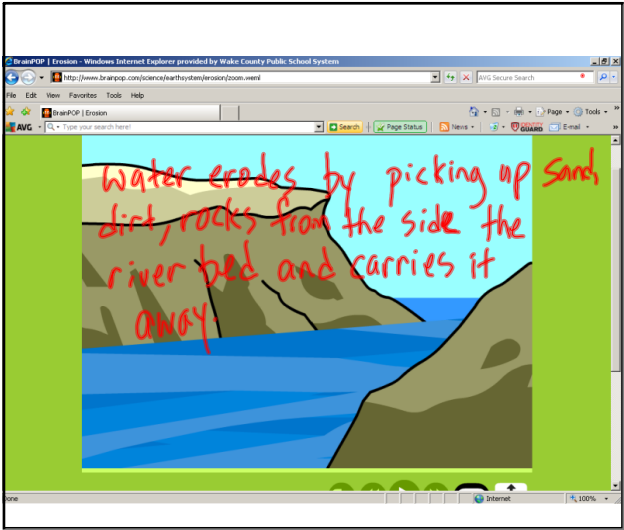
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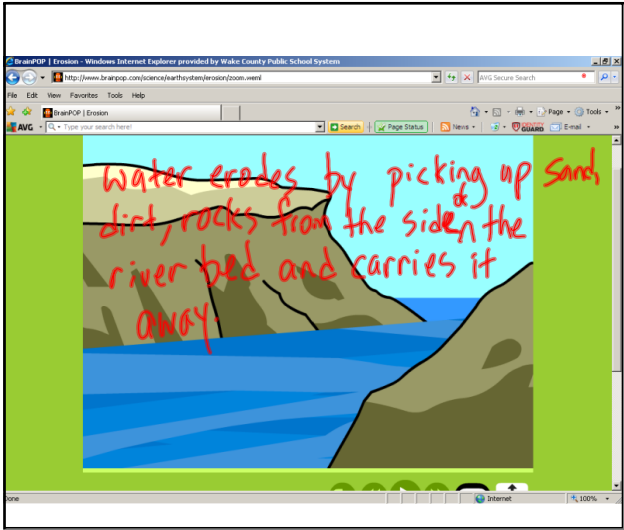
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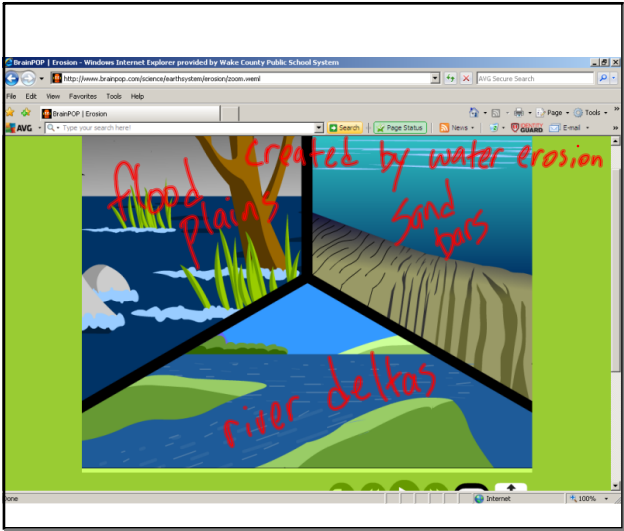
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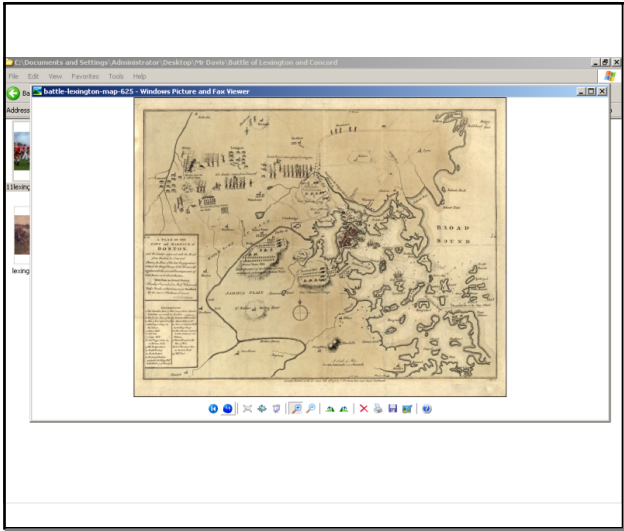
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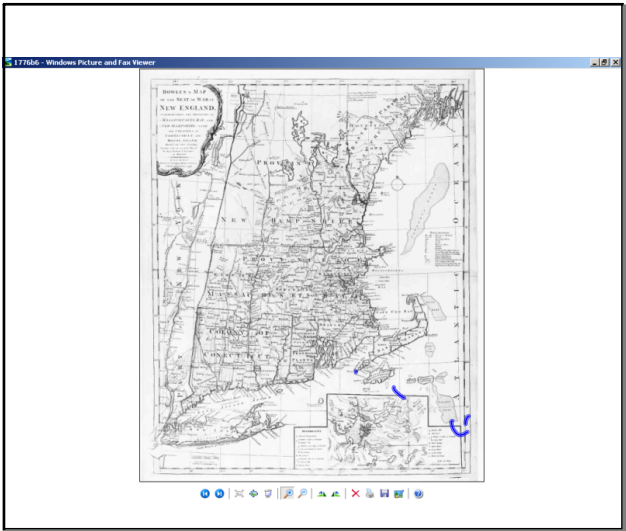
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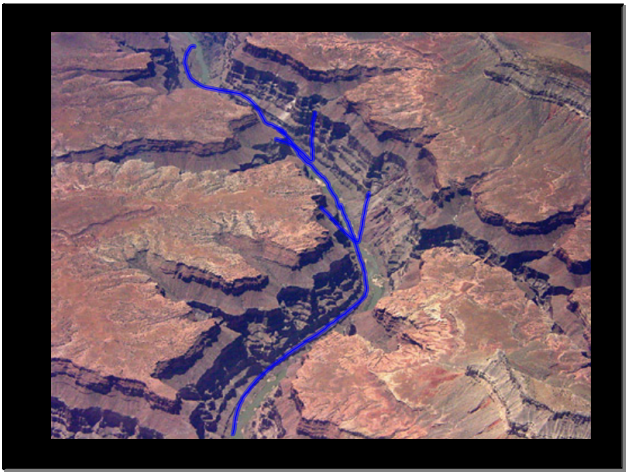
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Nov 22-3:12 PM



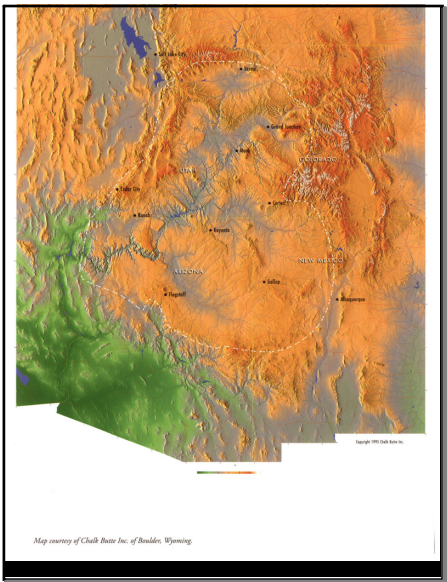
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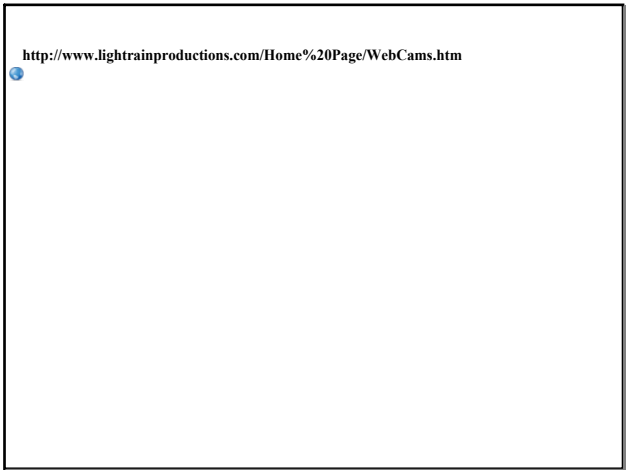
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Oct 6-8:12 PM



Oct 6-8:19 PM



Drainage basin - a system of rivers and streams that drain an area.

erosion - involves 2 processes

- ① weathering - the wearing away of earth materials by water, wind, and ice
- ② transport - the movement of earth materials to new locations by water, wind, or ice.

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landform - a shape or feature of the Earth's surface (ex. canyon, delta)

canyon - a v-shaped valley eroded by a river or stream.

delta - a fan-shaped (triangular) deposit of earth materials at a mouth of a stream.

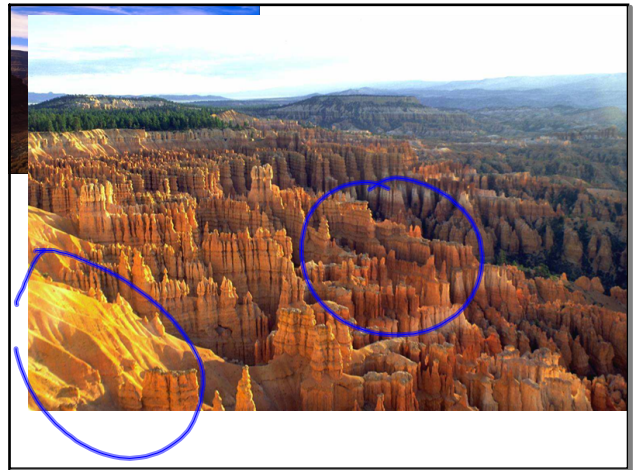
plateau - a large, nearly level area that has been lifted above the surrounding area.

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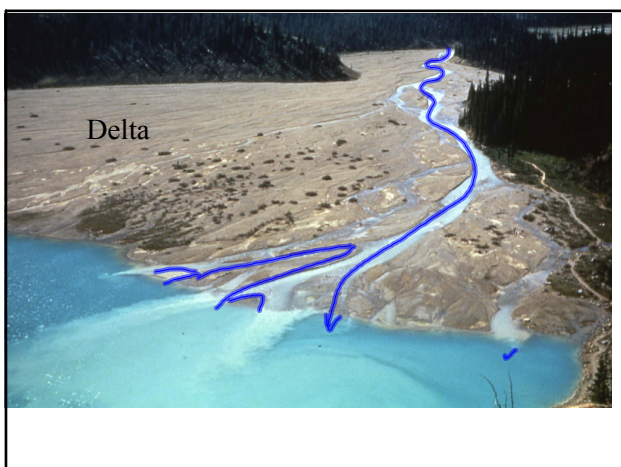
#### Content/Inquiry

- Water flowing over earth materials may erode them.
- Rivers can create landforms called canyons and deltas.

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Oct 8-9:51 PM

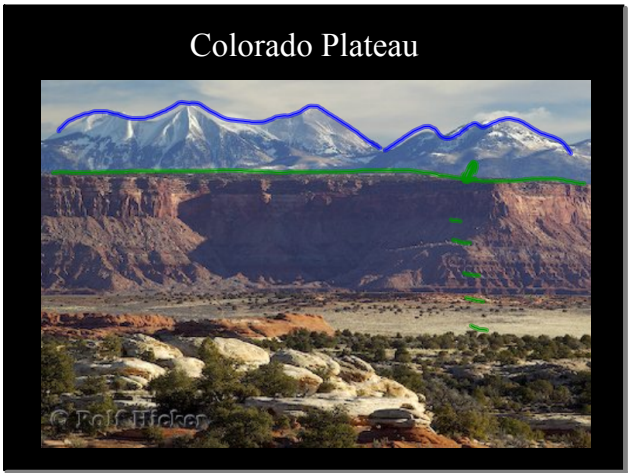


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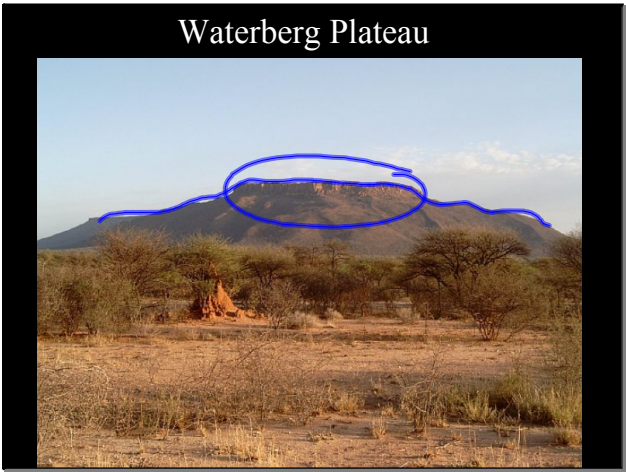




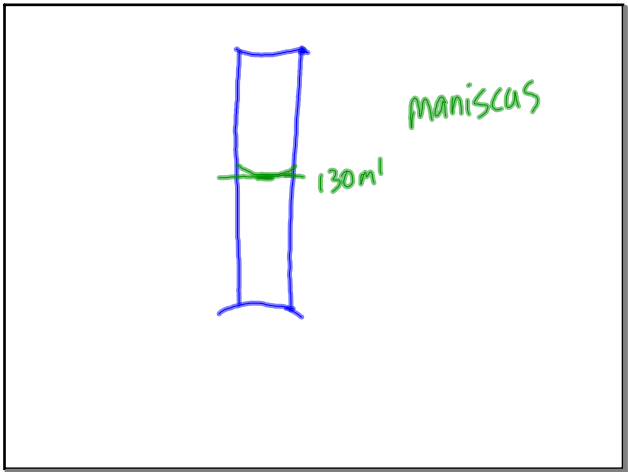
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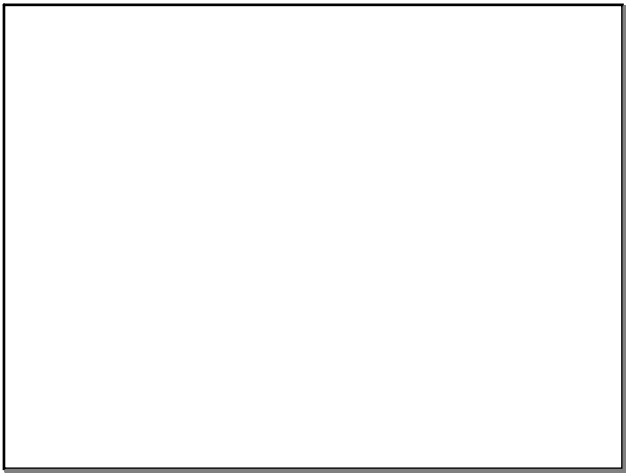
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Oct 11-7:16 AM



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